

MANOMETER FOR OVER/UNDER PRESSURE AND PRESSURE DIFFERENCE



-100 ... +2000 mbar (±2000 mbar*1)

GMH 3161-13

Art. no. 600409

Pressure hand-held measuring device with integr. sensor

GMH 3181-13

Art. no. 600421

Pressure hand-held measuring device with integr. sensor

GMH 3161-13-EX

Art. no. 600647

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)



GMH 3181-13-EX

Art. no. 602263

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)



Specifications:

Measuring range: -100 ... 2000 mbar (optional: -1000 ... 2000 mbar)

Overload: max. 4 bar

Resolution: 1 mbar

Additional pressure units: bar, kPa, MPa, PSI, mmHg, mH₂O

Accuracy: (typ. values)

Hysteresis and linearity: ±0.2 % FS; (±0.1 % FS)*3

Temperature-influence from 0 ... 50 °C: ±0.4 % FS

Option higher accuracy available: yes

Pressure connection: 2

Variants: Measuring range -1000 ... +2000 mbar *2

GMH 3161-13-00-MB

Art. no. 600527

Pressure hand-held measuring device with integr. sensor,

GMH 3161-13-EX-MB

Art. no. 607243

Pressure hand-held measuring device with integr. sensor

GMH 3181-13-00-MB

Art. no. 600529

Pressure hand-held measuring device with integr. sensor

GMH 3181-13-MB-00-EX

Art. no. 432507

Pressure hand-held measuring device with integr. sensor

For type specific data please refer to page 90.

*1 measuring range possible by changing the pressure connection ports

*2 without changing the pressure connection ports

*3 Option higher accuracy

VAKUUM- OR BAROMETER



0 ... 1300 mbar abs.

HIGHLIGHTS:

- can be operated completely in a vacuum

FOR ABSOLUTE PRESSURE MEASUREMENT

GMH 3161-12

Art. no. 600407

Pressure hand-held measuring device with integr. sensor

GMH 3181-12

Art. no. 600419

Pressure hand-held measuring device with integr. sensor

GMH 3161-12-EX

Art. no. 610043

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)



GMH 3181-12-EX

Art. no. 610044

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)



Specifications:

Measuring range: 0 ... 1300 mbar abs.

Overload: max. 4 bar abs.

Resolution: 1 mbar

Pressure units mbar, bar, kPa, MPa, PSI, mmHg, mH₂O

Accuracy: (typ. values)

Hysteresis and linearity: ±0.2 % FS; (±0.1 % FS)*3

Temperature-influence from 0 ... 50 °C: ± 0.4 % FS

Option higher accuracy available: yes

Druckanschlüsse: 1

Special function:

SeaLevel-Correction:

The barometric air pressure can also be displayed relative to sea level 'zero'. (The air pressure correction takes place with entry of the height above 'zero' in metres)

For type specific data please refer to page 90.

*3 Option higher accuracy

COMPLETE SOLUTIONS



GMH 3161-07-WPD5

Art. no. 602684

Complete Solution incl. certificate of calibration ISO-WPD5 (5 points ascending / descending) and case GKK 3000.

GMH 3161-12-WPD5

Art. no. 602685

Complete Solution incl. certificate of calibration ISO-WPD5 (5 points ascending / descending) and case GKK 3000.

GMH 3161-13-WPD5

Art. no. 602686

Complete Solution incl. certificate of calibration ISO-WPD5 (5 points ascending / descending) and case GKK 3000.

ACCESSORIES

Options:

Higher sensor accuracy

by multi point calibration

Note: not possible for all device types!

ISO-WPD5

Art. no. 602514

ISO certificates: 5 points increase, 5 points decrease

ISO-WPD10

Art. no. 602565

ISO Certificate of calibration: 10 points increase, 10 points decrease.

Accessories and spare parts:

GNG 10/3000

Art. no. 600273

Plug in power supply for devices of the series GMH 3XXX

GRS 3100

Art. no. 601097

Interface Converter GMH3xxx <=>PC, RS232

USB 3100 N

Art. no. 601092

Interface Converter GMH3xxx <=>PC, USB

GDZ-01

Art. no. 601541

PVC-tube (5 bar) 6/4 (6 mm outside-Ø, 4 mm inside-Ø)

GDZ-08

Art. no. 601555

Double adapter for 6/4 tube to 6/4 tube

GDZ-18

Art. no. 601576

tube clamp for 6/4 tube

GDZ-21

Art. no. 601582

T-piece for 6/4 tubes

GKK 3000

Art. no. 601048

Device case soft lining for 1x GMH 3000 (275 x 229 x 83 mm)

for miscellaneous accessories p.r.t. page 86

HANDHELD INSTRUMENTS

SOFTWARE

ACCESSORIES

ALARM / PROTECTION, LEVEL